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MONTANA OIL AND GAS STATISTICAL BULLETIN

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HELENA, MONTANA 59601

DONALD A. GARRITY, Attorney
1721 ELEVENTH AVENUE
HELENA, MONTANA 59601

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15 POLY DRIVE
BILLINGS, MONTANA 59101

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15 POLY DRIVE
BILLINGS, MONTANA 59101

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Vol. XXI, No. 5 — MAY, 1973

Production of crude oil and condensate from the oil and gas areas of Montana for the month of May, 1973, averaged 96,181 barrels daily, an increase of 3,069 barrels from the average April production of 93,112.

The nine refineries in the state processed 138,789 barrels of crude oil daily for the month of May, 1973, an increase of 22,111 barrels from the 116,894 barrels processed daily during the month of April.

During May, 23 wells were completed, 2 oil, 2 gas and 19 dry holes.

During May, the commission issued 110 permits to drill new wells, an increase of 56 from the 54 permits issued during April.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF MAY, 1973

IN STORAGE MAY 1st	
By Producers	332,499
By Transporters	1,397,677
By Refiners	1,039,001
TOTAL STORAGE	2,769,177
Produced in Montana During Month	2,981,603
Imported During Month	3,492,385
TOTAL	9,243,165
DISPOSITION:	
Refined in Montana	4,302,455
Exported	2,290,898
Used for Fuel or Lost	2,850
TOTAL	6,596,203
IN STORAGE MAY 31st	
By Producers	318,646
By Transporters	1,359,069
By Refiners	969,247
TOTAL STORAGE	2,646,962

NATURAL GAS WITHDRAWALS IN MONTANA

Month of May, 1973

Field	M. C. Ft.
Big Coulee	66,629
Blackjack	—0—
Bowdoin	412,315
Bowes	29,226
Cabin Creek	82,631
Cedar Creek	37,113
Cut Bank (including Regan)	160,076
Dry Creek	46,588
Elk Basin	28,509
Flat Coulee	11,565
Gold Butte	—0—
Grandview	18,496
Hardin	2,730
Keith Block	—0—
Kevin Sunburst	14,374
Lake Basin	—0—
Liscom Creek	39,637
Middle Butte	523
Mt. Lilly	1,276
Pine	49,656
Plevna	9,046
South Devon	35,413
Tiger Ridge	2,677,530
Trail Creek	—0—
Utopia	59,353
West Butte	27,214
Whitlash	42,966
Miscellaneous	395,621
TOTAL	4,248,487

Total Withdrawals for May, 1972, were 1,370,463.

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PRODUCERS REPORT — MONTH OF MAY, 1973

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	15	929		725		219
1	Bainville	1	3,136	2,436		3,066		2,506
3	Bannatyne	3		1,124	1,124			
5	Bear's Den	6	1,110	1,106		823		1,393
18	Bell Creek	249	25,475	682,364	684,919		5	22,915
1	Benrud	1	413	1,113	1,080			446
3	Benrud East	3	2,497	13,646	13,650			2,493
1	Benrud Northeast	1	756	1,844	1,536			1,064
1	Berthelote	1	448	132	211			369
4	Big Wall	13	989	4,477	4,314			1,152
3	Blackfoot	4	576	1,066	1,117			525
4	Border	6	1,046	769		391		1,424
1	Bowes	19	9,440	6,561	7,102			8,899
1	Bradley	1	633	567	1,024			176
1	Brady	1		182	182			
4	Brorson-Madison	4	1,255	3,290		3,433		1,112
5	Brorson-Red River	5	6,846	13,108		13,012		6,942
3	Brorson-Red River South	3	2,343	6,484		7,083		1,744
1	Burns Creek	1	624	3,884		4,107		401
6	Brush Lake	6	1,228	16,880	17,070			1,038
2	Cabin Creek	88		242,784	242,784			
1	Canal	1	1,311	6,487		6,838		960
9	Cat Creek	42	3,084	14,096	14,617			2,563
1	Chelsea	1	197	550		573		174
1	Clark's Fork	1	159	179		184		154
	Clark's Fork South		334					334
2	Cow Creek	2	675	706		611		770
4	Cow Creek East	5	370	18,578		18,463		485
1	Culbertson	1	346	812		547		611
4	Cupton	7	5,547	9,170	6,422	3,661		4,634
122	Cut Bank	948	57,659	337,195	332,564	1,013		61,277
	Dean Dome		65					65
1	Deer Creek	1	665	1,163	1,400			428
1	Delphia	1	322	300	399			223
5	Devil's Basin	5	581	448	516			513
3	Dwyer	11	3,977	13,587	13,470			4,094
3	Elk Basin	40	904	120,282	120,256			930
5	Elk Basin Northwest	9	1,807	3,562	3,575			1,794
7	Fairview	11	8,201	33,807	13,893	18,500		9,615
2	Fertile Prairie	2	658	1,393		1,473		578
5	Flat Coulee	22	2,279	8,958	9,095			2,142
36	Flat Lake	52	5,890	54,155	54,525			5,520
6	Flat Lake South	6	681	8,359	8,202			838
1	Four Buttes	1	420	638		659		399
1	Ft. Gilbert	2	260	16,488	16,413			335
1	Frannie	1		1,023	1,023			
7	Fred & George Creek	26	2,623	33,794	33,630			2,787
1	Froid South	1	426	1,122		851		697
1	Gage	1	141	156		170		127
3	Gas City	18	5,580	23,239	18,233	5,128		5,458
2	Girard	2	1,691	2,362		3,033		1,020
11	Glendive	14	2,306	23,792	23,312			2,786
11	Goose Lake	28	3,762	28,675	25,490	3,455		3,492
7	Graben Coulee	14	5,728	4,755	5,401			5,082
2	Gypsy Basin	2		588	588			
1	Hay Creek-Mission Canyon	1	57	1,194	1,172			79
2	Hay Creek-Red River	2	406	7,578	7,481			503
4	Hiawatha	4	2,066	5,803	5,262			2,607
	Injun Creek		461					461
6	Ivanhoe	11	1,564	3,269	3,702			1,131
2	Jim Coulee	24	3,869	43,854	44,713			3,010
7	Keg Coulee	15	6,034	24,911	25,811		244	4,890
1	Keg Coulee North	2	762	3,549	3,508			803
1	Kelley	3	1,007	6,017	5,899		197	928
81	Kevin Sunburst	450	10,036	24,526	21,499	2,618		10,445
7	Laird Creek	9	810	2,584		2,225	239	930
1	Landslide Butte	2	979	500	1,018			461
2	Leary	2	1,117	2,697		2,096	27	1,691
1	Little Beaver	23		33,380	33,380			
2	Little Beaver East*	10	2,935	12,222	13,528			1,629
1	Little Wall Creek	1	510	3,567	3,626			451
1	Lodge Grass	1	1,334	962		1,364		932
6	Lonetree Creek	6	5,194	24,455	26,139			3,510
3	Lookout Butte (Coral Creek)	30	148	60,910	60,705			353
1	Mason Lake	1	553	484	354			683
2	Melstone	3	775	1,989	2,066			698
1	Mineral Bench	1	469	585	642			412
1	Miner's Coulee	1		246		246		
11	Monarch	14	4,450	14,459	12,171	2,917		3,821
1	Nohly	1	1,118	10,257		9,950		1,425
3	Otis Creek	3	2,482	8,480		10,165		797
6	Outlook	8	3,979	17,143	16,278			4,844
1	Outlook South	1	1,018	575	857			736
2	Outlook West	2	1,330	2,860	3,144			1,046
1	Pennel-Lookout Butte	112		192,318	192,318			
4	Pine	107	16,895	244,687	244,948			16,634
61	Pondera	257	3,977	24,075	24,448			3,604
6	Poplar	64	9,486	43,565	45,254			7,797
3	Poplar Northwest	3	1,101	1,217	472			1,846
	Prairie Elk		520					520
2	Pritchard Creek	6	167	898	898			167
1	Putnam	2	242	11,308		11,308		242
	Rabbit Hills		2,231					2,231
4	Ragged Point	13	3,871	12,045	12,768			3,148
2	Rattlesnake Coulee	2	793	352	801			344
4	Raymond	4	1,323	33,981	33,588			1,716
3	Reagan	44	803	16,040	15,926			917
1	Red Creek	19		15,083	15,083			
1	Red Fox	1	325	707	878			154
1	Redstone	1	486	1,196	1,436			246
1	Repeat	1	90					90
3	Reserve	4	673	5,152	5,402			423
1	Richey	1	507	1,277	1,490			294
1	Richey Southwest	5	253	1,507		1283		477
	Rough Creek		462					462
1	Rush Mountain	1	569	2,482	2,606			445
2	Salt Lake	3	477	3,778		3,971		284
4	Sand Creek	4	2,033	2,382	2,610			1,805
1	Second Creek	1	953	10,461		10,449		965
1	Sioux Pass	1	1,290	24,102	24,646			746
1	Snyder	4	700	991		607		1,084
7	Soap Creek	18	2,509	1,548		2,358		1,699
2	Spring Lake	2	1,537	1,723		1,766		1,494
2	Stensvad	7	4,252	47,436	48,136			3,552
15	Sumatra	74	18,601	110,587	110,996		26	18,166
5	Tule Creek	5	3,017	19,817		19,840		2,994
2	Tule Creek East	2	1,483	6,382		6,874		991
2	Tule Creek South	3	834	2,584		2,561	8	849
2	Vida	2	484	937		1,089		332
4	Volt	5	2,147	10,427	10,548			2,026
2	Weed Creek	2	549	1,215	1,285		4	475
3	Weldon	3	793	6,331	6,502			622
1	West Butte	1		1,408		1,408		
21	Whitlash	40	7,099	12,234	11,826			7,507
	Whitlash West		284					284
3	Willow Creek North	3	655	5,310	5,333			632
2	Wills Creek South	2		2,732	2,732			
2	Wolf Springs	3	1,092	1,894	1,822			1,164
2	Woodrow	2	575	2,476	2,554			497
3	Wright Creek	5	2,919	1,584	1,299			3,204
	Wildcat, Blaine Co.		157					157
1	Wildcat, McCone Co.	1	98	665		656		107
2	Wildcat, Toole Co.	2	245	488		459		274
689	Total	3,170	332,499	2,981,603	2,800,697	194,009	750	318,646

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1972	33,904,139	92,634	33,861,385	92,517
First Quarter, 1973	8,463,610	94,040	8,461,995	94,022
April, 1973	2,793,345	93,112	2,779,972	92,666
May, 1973	2,981,603	96,181	2,994,706	96,603

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage**	Total Oil in Storage**
December, 1972	320,567	1,303,848	1,228,659	2,853,074
March, 1973	319,421	1,187,629	669,292	2,176,342
April, 1973	332,499	1,397,677	1,039,001	2,769,177
May, 1973	318,646	1,359,069	969,247	2,646,962

*Montana Oil Only **Includes Wyoming Oil

TRANSPORTERS REPORT — MONTH OF MAY, 1973

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Co.			725				725		
BAINVILLE—Koch Oil Company			3,066				3,066		
BEAR'S DEN—Truck			823				823		
BELL CREEK—Pipeline	54,293	684,919					351,438	335,146	52,628
BIG WALL—Continental Pipeline Co.		4,294				4,294			
BLACKFOOT—									
Camerland Cardinal Corp.		1,117						1,117	
BORDER—Permian Corp.			391					391	
BOWES—Texaco		7,102				7,102			
BRORSON-MADISON, BRORSON-RED RIVER AND BRORSON-RED RIVER SOUTH—Koch Oil Company			23,528					23,528	
BRUSH LAKE—Portal Pipeline Co.		17,097					17,097		
BURNS CREEK—									
Western Crude Oil, Inc.			4,107				4,107		
CABIN CREEK AND OTHERS*—									
Butte Pipeline Co.	296,915	499,497	17,552	2,031,228			2,578,534		266,658
Shell Pipeline Co.	3,133	305,983			334			305,757	3,025
	300,048	805,480	17,552	2,031,228	334		2,578,534	305,757	269,683
CANAL—Koch Oil Company			6,838				6,838		
CAT CREEK—									
Continental Pipeline Co.		12,994				12,994			
CHELSEA—Western Crude Oil, Inc.			573				573		
CLARK'S FORK AND CLARK'S FORK SOUTH—Permian Corp.			184				184		
COW CREEK AND COW CREEK EAST—Western Crude Oil, Inc.			19,074				19,074		
CULBERTSON—Spruce Oil Co.			547				547		
CUT BANK—									
Continental Pipeline Co.		1,097,977	8,964					1,106,941	
Phillips Petroleum Co.	90,828	126,507		53,695	1,060	168,120			101,850
Texas Pipeline Co.	13,345	33,285		74,784	(200)			108,258	13,356
Union Oil Co.	59,886	45,077			294	37,137			67,532
Western Oil Trans. Co.		31,865						31,865	
Western Oil Trans. Co. (Mouton)		118,275						118,275	
	164,059	1,452,986	8,964	128,479	1,154	205,257		1,365,339	182,738
DELPHIA—Truck		399				399			
DWYER—Portal Pipeline Co.		13,063					13,063		
ELK BASIN AND ELK BASIN NORTHWEST—Marathon Pipeline Co.		122,924				122,924			
FAIRVIEW—									
Fairview Pipeline Co.		13,893					13,893		
Koch Oil Company			18,500				18,500		
		13,893	18,500				32,393		
FLAT COULEE—									
Camerland Cardinal Corp.		8,349				8,349			
FLAT LAKE AND FLAT LAKE SOUTH—Portal Pipeline Co.		58,128					58,128		
FT. GILBERT—									
Fairview Pipeline Co.		16,413					16,413		
FOUR BUTTES—Truck			659					659	
FRANNIE—Interstate Pipeline Co.		1,023					1,023		
FRED AND GEORGE CREEK—									
Camerland Cardinal Corp.	10,583	34,947				26,748			18,782
FROID SOUTH—Truck			851					851	
GAGE—Truck			170			170			
GIRARD—Koch Oil Company			3,033				3,033		
GLENDIVE, DEER CREEK, WOODROW AND SAND CREEK—									
Texas Pipeline Co.	9,140	23,478			284			24,006	8,328
GOOSE LAKE—Portal Pipeline Co.		28,286					28,286		
HAY CREEK—Fairview Pipeline Co.		8,653					8,653		
HIAWATHA—Continental Pipeline Co.		5,263					5,263		
IVANHOE—Continental Pipeline Co.		3,701				3,238	463		
JIM COULEE—									
Continental Pipeline Co.		48,345						48,345	
KEG COULEE AND KEG COULEE NORTH—Continental Pipeline Co.		28,284				28,284			
KELLEY—Continental Pipeline Co.		5,899				5,899			
KEVIN SUNBURST—									
Big West Oil Co.	2,772	11,288				9,444			4,616
Homestake Oil & Gas Co.	2,227	2,190				(640)			5,057
Texas Pipeline Co.	7,394	11,058			(25)				18,477
	12,393	24,536			(25)	8,804			28,150
LEARY—Permian Corp.			2,096				2,096		
LODGE GRASS—Permian Corp.			1,364			1,364			
MASON LAKE—									
Continental Pipelne Co.		354				354			
MELSTONE—Continental Pipeline Co.		2,066				1,674	392		
MIDDLE WALL—									
Continental Pipeline Co.**		5,333						5,333	
NOHLY—Koch Oil Co.			9,950				9,950		
OTIS CREEK—									
Western Crude Oil, Inc.			10,165				10,165		
OUTLOOK, OUTLOOK SOUTH AND OUTLOOK WEST—									
Portal Pipeline Co.		20,198					20,198		
PONDERA—Phillips Petroleum Co.	26,666	26,066			141	22,258			30,333
POPLAR, BEURUD, BENRUD EAST, RED FOX, REDSTONE—									
East Poplar Gathering System	16,869	65,727			(475)			70,270†	12,801
PUTNAM—Western Crude Oil, Inc.			11,308				11,308		
RAGGED POINT—									
Continental Pipeline Co.		15,623				15,623			
RAYMOND—Portal Pipeline Co.		30,623					30,623		
RED CREEK—									
Western Oil Transportation Co.		19,415						19,415	
RESERVE—Portal Pipeline Co.		5,363					5,363		
RUSH MOUNTAIN—Sinclair Ref. Co.		2,606					2,606		
SALT LAKE—Koch Oil Company			3,971				3,971		
SECOND CREEK—Koch Oil Company			10,449					10,449	
SNYDER—Permian Corp.			607			607			
SOAP CREEK—Permian Corp.			2,358				2,358		
SPRING LAKE—Koch Oil Co.			1,766				1,766		
SUMATRA AND STENSVAD—									
Continental Pipeline Co.	800,380	157,272		2,113,944	509	146,347		2,179,150	745,590
TULE CREEK—									
Spruce Oil Co.	3,246		26,714			19,924			10,036
Permian Corp.			2,561			2,561			
	3,246		29,275			22,485			10,036
WEED CREEK AND WOLF SPRINGS—Continental Pipeline Co.		3,136				3,136			
WHITLASH AND WHITLASH WEST—Camberland Cardinal Corp.		12,482				9,228		3,254	
WILDCAT WELLS—Truck			1,115					1,115	
TOTAL	1,397,677	3,797,837	194,009	4,273,651	1,922	657,538	3,250,520	4,394,125	1,359,069

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon and Wills Creek South.
**Little Wall Creek and Willow Creek North.
***Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF MAY, 1937

	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Exxon Co.	Farmers Union	Jet Fuel Refinery	Phillips Petroleum Co.	Spruce Oil Co.	Westco Refining Co.	Total
Big Wall		4,294								4,294
Bowes			3,069							3,069
Cat Creek		2,984			11,663					14,647
Cut Bank	74,786						157,600		91,446	323,832
Elk Basin		47,442		35,176	40,306					122,924
Flat Coulee									8,349	8,349
Fred & George Creek	26,748									26,748
Ivanhoe		3,238								3,238
Keg Coulee		29,335		4,016	2,912					36,263
Kelley				5,899						5,899
Kevin Sunburst	8,804									8,804
Lodge Grass		1,364								1,364
Mason Lake		354								354
Melstone					1,674					1,674
Pondera							24,952			24,952
Ragged Point					15,623					15,623
Snyder		607								607
Sumatra & Stensvad		21,906		46,780	77,662					146,348
Tule Creek								48,746		48,746
Weed Creek				1,285						1,285
Whitlash							9,228			9,228
Wolf Springs				1,822						1,822
Total Montana Oil	110,338	111,524	3,069	94,978	149,840		191,780	48,746	99,795	810,070
Canadian Oil Imported		464,205		418,560	367,522					1,250,287
Wyoming Oil Imported		898,622		833,267	510,209					2,242,098
Total Montana, Canadian & Wyoming Oil	110,338	1,474,351	3,069	1,346,805	1,027,571		191,780	48,746	99,795	4,302,455

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year 1972	24,723	37,303	70,391	132,417
May, 1972	20,688	32,280	77,054	130,022
May, 1973	26,131	40,332	72,326	138,789

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year 1972	18.67%	28.17%	53.16%
May, 1972	15.91%	24.83%	59.26%
May, 1973	18.83%	29.06%	52.11%